



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date 07-01-2020 EPA Reg No./File Symbol 777-139 Page 1 of 5

Applicant's/Registrant's Name & Address Reckitt Benckiser LLC
Morris Corporate Center IV, 399 Interpace Parkway, Parsippany, NJ 07054-0225 Product T-Bone

Ingredient(s): Citric Acid

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
40CFR§158 Subpart C	CHEMISTRY (Product Properties Group A & B)				
830.1550	Product Identity & Composition	50968101	Reckitt Benckiser LLC	own	2019-0134
830.1600	Description of materials used to produce product	50968101	Reckitt Benckiser LLC	own	2019-0134
830.1620	Description of manufacturing process	50968101	Reckitt Benckiser LLC	own	2019-0134
830.1650	Description of formulation process	50968101	Reckitt Benckiser LLC	own	2019-0134
830.1670	Discussion of the formation of impurities	50968101	Reckitt Benckiser LLC	own	2019-0134
830.1700	Preliminary Analysis of Product Samples	50968101	Reckitt Benckiser LLC	own	2019-0134
830.1750	Certification of Ingredient Limits	50968101	Reckitt Benckiser LLC	own	2019-0134
830.1800	Enforcement Analytical Method	50968101	Reckitt Benckiser LLC	own	2019-0134
830.1900	Submittal of Samples	50968101	Reckitt Benckiser LLC	own	2019-0134
830.6302	Color	50968102 50968103	Reckitt Benckiser LLC	own	2019-0135 A27723
830.6303	Physical State	50968102 50968103	Reckitt Benckiser LLC	own	2019-0135 A27723
830.6304	Odor	50968102 50968103	Reckitt Benckiser LLC	own	2019-0135 A27723
830.6313	Stability	50968102	Reckitt Benckiser LLC	own	2019-0135
830.6314	Oxidation / Reduction - Chemical Incompatibility	50968102 50968103	Reckitt Benckiser LLC	own	2019-0135 A27723
830.6315	Flammability	50968102 50968103	Reckitt Benckiser LLC	own	2019-0135 A27723
830.6316	Explosibility	50968102	Reckitt Benckiser LLC	own	2019-0135
830.6317	Storage Stability	50968102 50968107	Reckitt Benckiser LLC	own	2019-0135 A27724
830.6319	Miscibility	50968102	Reckitt Benckiser LLC	own	2019-0135
830.6320	Corrosion Characteristics	50968102 50968107	Reckitt Benckiser LLC	own	2019-0135 A27724

Signature Subiksha Natarajan Name / Title Subiksha Natarajan Senior Regulatory Associate Date 07-01-2020



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Applicant's/Registrant's Name & Address		Product			
Reckitt Benckiser LLC Morris Corporate Center IV, 399 Interpace Parkway, Parsippany, NJ 07054-0225		T-Bone			
Ingredient(s): Citric Acid					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6321	Dielectric Breakdown Voltage	50968102	Reckitt Benckiser LLC	own	2019-0135
		50968102			2019-0135
830.7000	pH	50968103	Reckitt Benckiser LLC	own	A27723
830.7050	UV / Visible Absorption	50968102	Reckitt Benckiser LLC	own	2019-0135
		50968102			2019-0135
830.7100	Viscosity	50968103	Reckitt Benckiser LLC	own	A27723
830.7200	Melting Point	50968102	Reckitt Benckiser LLC	own	2019-0135
830.7220	Boiling Point / Range	50968102	Reckitt Benckiser LLC	own	2019-0135
		50968102			2019-0135
830.7300	Density / Bulk Density / Specific Gravity	50968103	Reckitt Benckiser LLC	own	A27723
830.7370	Dissociation Constant	50968102	Reckitt Benckiser LLC	own	2019-0135
830.7520	Particle Size, Fiber Length, and Diameter Distribution	50968102	Reckitt Benckiser LLC	own	2019-0135
830.7500, 830.7560, 830.7570	N-Octanol/Water Partition Coefficient	50968102	Reckitt Benckiser LLC	own	2019-0135
830.7840 & 830.7860	Water Solubility	50968102	Reckitt Benckiser LLC	own	2019-0135
830.7950	Vapor Pressure	50968102	Reckitt Benckiser LLC	own	2019-0135
830.1550 & 830.1880	Active Ingredient Chemical Characterization	50968104	Reckitt Benckiser LLC	own	A27614
830.1500 & 830.1800	Active Ingredient Chemical Characterization	50968105	Reckitt Benckiser LLC	own	A28497
40 CFR 160.105	Enforcement GC Method Validation for Chemical Characterization	50968106	Reckitt Benckiser LLC	own	A27501
830.1550 & 830.1880	Active Ingredient Chemical Characterization	51196001	Reckitt Benckiser LLC	own	A29136
830.1500 & 830.1800	Active Ingredient Chemical Characterization	51196002	Reckitt Benckiser LLC	own	A29069
830.1500 & 830.1800	Active Ingredient Chemical Characterization	51196003	Reckitt Benckiser LLC	own	A29364
830.1500 & 830.1800	Active Ingredient Chemical Characterization	51196004	Reckitt Benckiser LLC	own	A29386
Signature			Name / Title		Date
			Subiksha Natarajan Senior Regulatory Associate		07-01-2020

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Applicant's/Registrant's Name & Address		Product			
Reckitt Benckiser LLC Morris Corporate Center IV, 399 Interpace Parkway, Parsippany, NJ 07054-0225		T-Bone			
Ingredient(s): Citric Acid					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
40CFR§158.340	TOXICOLOGY				
870.1100	Acute Oral Toxicity Study	50968108	Reckitt Benckiser LLC	own	2019-0073
870.1300	Acute Inhalation Toxicity	50968109	Reckitt Benckiser LLC	own	2019-0074
870.2500	Primary Skin Irritation	50968110	Reckitt Benckiser LLC	own	2019-0075
870.2600	Local Lymph Node Assay (LLNA)	50968111	Reckitt Benckiser LLC	own	2019-0076
	OECD Bovine Corneal Opacity and Permeability Test (BCOP)	50968112	Reckitt Benckiser LLC	own	19-26839.09
870.1200	Acute Dermal Toxicity	50968108	Reckitt Benckiser LLC	waive	
40CFR§158.640	PRODUCT PERFORMANCE				
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Escherichia coli (ESBL)	50968113	Reckitt Benckiser LLC	own	A27911
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Escherichia coli O157:H7	50968114	Reckitt Benckiser LLC	own	A28006
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Klebsiella pneumoniae	50968115	Reckitt Benckiser LLC	own	A27912
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Listeria monocytogenes	50968116	Reckitt Benckiser LLC	own	A28005
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Pseudomonas aeruginosa	50968117	Reckitt Benckiser LLC	own	A27688
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Staphylococcus aureus	50968118	Reckitt Benckiser LLC	own	A27686
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Staphylococcus aureus - HA-MRSA	50968119	Reckitt Benckiser LLC	own	A28007
Signature			Name / Title		Date
			Subiksha Natarajan Senior Regulatory Associate		07-01-2020

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Reckitt Benckiser LLC Morris Corporate Center IV, 399 Interpace Parkway, Parsippany, NJ 07054-0225		T-Bone			
Ingredient(s): Citric Acid					

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
40CFR§158.640	PRODUCT PERFORMANCE (continued)				
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Salmonella enterica	50968120	Reckitt Benckiser LLC	own	A27687
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Streptococcus pyogenes	50968121	Reckitt Benckiser LLC	own	A28010
870.2300	Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces: Enterobacter aerogenes; Staphylococcus aureus	50968122	Reckitt Benckiser LLC	own	A28015
870.2300	Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces: Listeria monocytogenes	50968123	Reckitt Benckiser LLC	own	A28009
870.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Avian Influenza A (H3N2) virus	50968124	Reckitt Benckiser LLC	own	A27935
870.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Avian Influenza A (H5N1) virus	50968125	Reckitt Benckiser LLC	own	A27934
870.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Avian Influenza A (H7N9) virus	50968126	Reckitt Benckiser LLC	own	A28306
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Human Immunodeficiency Virus Type 1	50968127	Reckitt Benckiser LLC	own	A27933
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Human Coronavirus	50968128	Reckitt Benckiser LLC	own	A27986
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: 2009-H1N1 Influenza A Virus (Novel H1N1)	50968129	Reckitt Benckiser LLC	own	A27990
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Influenza B Virus	50968130	Reckitt Benckiser LLC	own	A28305
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Norovirus (Feline Calicivirus)	50968131	Reckitt Benckiser LLC	own	A27995
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Parainfluenza Virus Type 3	50968132	Reckitt Benckiser LLC	own	A28308
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Rhinovirus Type 39	50968133	Reckitt Benckiser LLC	own	A27987
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Human Rotavirus	50968134	Reckitt Benckiser LLC	own	A27932
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Respiratory Syncytial Virus (RSV)	50968135	Reckitt Benckiser LLC	own	A27985
810.2201	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: SARS-associated Coronavirus	50968136	Reckitt Benckiser LLC	own	121-233
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection (Uniformity): Pseudomonas aeruginosa; Salmonella enterica; Staphylococcus aureus	50968137	Reckitt Benckiser LLC	own	A28011
Signature 			Name / Title		Date
			Subiksha Natarajan Senior Regulatory Associate		07-01-2020

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Ingredient(s): Citric Acid					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
40CFR§158.640	PRODUCT PERFORMANCE (continued)				
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Bordetella Pertussis	51196005	Reckitt Benckiser LLC	own	A27910
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Vibrio cholerae	51196006	Reckitt Benckiser LLC	own	A27914
870.2300	Pre-Saturated Towelettes for Hard Surface Disinfection: Streptococcus mutans	51196007	Reckitt Benckiser LLC	own	A28016
870.2300	Pre-Saturated Towelettes for Hard Surface Disinfection: Shigella dysenteriae	51196008	Reckitt Benckiser LLC	own	A27913
870.2200	A GLP Evaluation of a Disinfectant Towelette: Enterococcus faecium	51196009	Reckitt Benckiser LLC	own	2001488-204B
870.2200	A GLP Evaluation of a Disinfectant Towelette: Escherichia coli	51196010	Reckitt Benckiser LLC	own	2001488-204C
870.2200	A GLP Evaluation of a Disinfectant Towelette: Klebsiella pneumoniae	51196011	Reckitt Benckiser LLC	own	2001488-204D
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Vancomycin Intermediate Resistant Staphylococcus aureus – VISA	51196012	Reckitt Benckiser LLC	own	A29137
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Carbapenem Resistant Escherichia coli	51196013	Reckitt Benckiser LLC	own	A29148
810.2200	Pre-Saturated Towelettes for Hard Surface Disinfection: Vancomycin Resistant Staphylococcus aureus	51196014	Reckitt Benckiser LLC	own	A29162
810.2200	A GLP Evaluation of a Disinfectant Towelette: Klebsiella aerogenes	51196015	Reckitt Benckiser LLC	own	2001488-204F
810.2200	A GLP Evaluation of a Disinfectant Towelette: Acinetobacter baumannii	51196016	Reckitt Benckiser LLC	own	2001488-204A
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Herpes simplex virus type 1	51196017	Reckitt Benckiser LLC	own	A27988
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Bovine Viral Diarrhea Virus as a Surrogate Virus for Human Hepatitis C Virus	51196018	Reckitt Benckiser LLC	own	A27994
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Duck Hepatitis B Virus as a Surrogate Virus for Human Hepatitis B Virus	51196019	Reckitt Benckiser LLC	own	A27997
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Influenza A Virus (H3N1)	51196020	Reckitt Benckiser LLC	own	121-261
810.2201	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Middle Eastern Respiratory Syndrome Coronavirus (MERS-CoV)	51196021	Reckitt Benckiser LLC	own	121-262
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Influenza A Virus (H1N2)	51196022	Reckitt Benckiser LLC	own	121-260
810.2200	Virucidal Efficacy of Pre-Saturated Towelettes for Hard Surface Disinfection: Herpes Simplex Virus Type 2	51196023	Reckitt Benckiser LLC	own	A29144
810.2200	Fungicidal Pre-Saturated Towelettes for Hard Surface Disinfection: Candida albicans	51196024	Reckitt Benckiser LLC	own	A29142
810.2200	Fungicidal Pre-Saturated Towelettes for Hard Surface Disinfection: Carbapenem Resistant Klebsiella pneumonia	51196025	Reckitt Benckiser LLC	own	A29138
810.2200	Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces (Modification for Pre-Saturated Towelette Product Application): Campylobacter jejuni	51196026	Reckitt Benckiser LLC	own	A28008
810.2200	Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces (Modification for Pre-Saturated Towelette Product Application): Staphylococcus aureus; Klebsiella aerogenes	51196027	Reckitt Benckiser LLC	own	A29145
810.2200	Pre-Saturated or Impregnated Towelette Virucidal Hard-Surface Efficacy Test (SARS-CoV-2)	51196028	Reckitt Benckiser LLC	own	121-294
	BIODEGRADABILITY		Reckitt Benckiser LLC	own	
	Technical Justification: Technical Justification – Biodegradability Data for Project T-Bone (777-139)	51196029	Reckitt Benckiser LLC	own	
Signature	Subiksha Natarajan		Name / Title	Senior Regulatory Associate	
				Date	07-01-2020